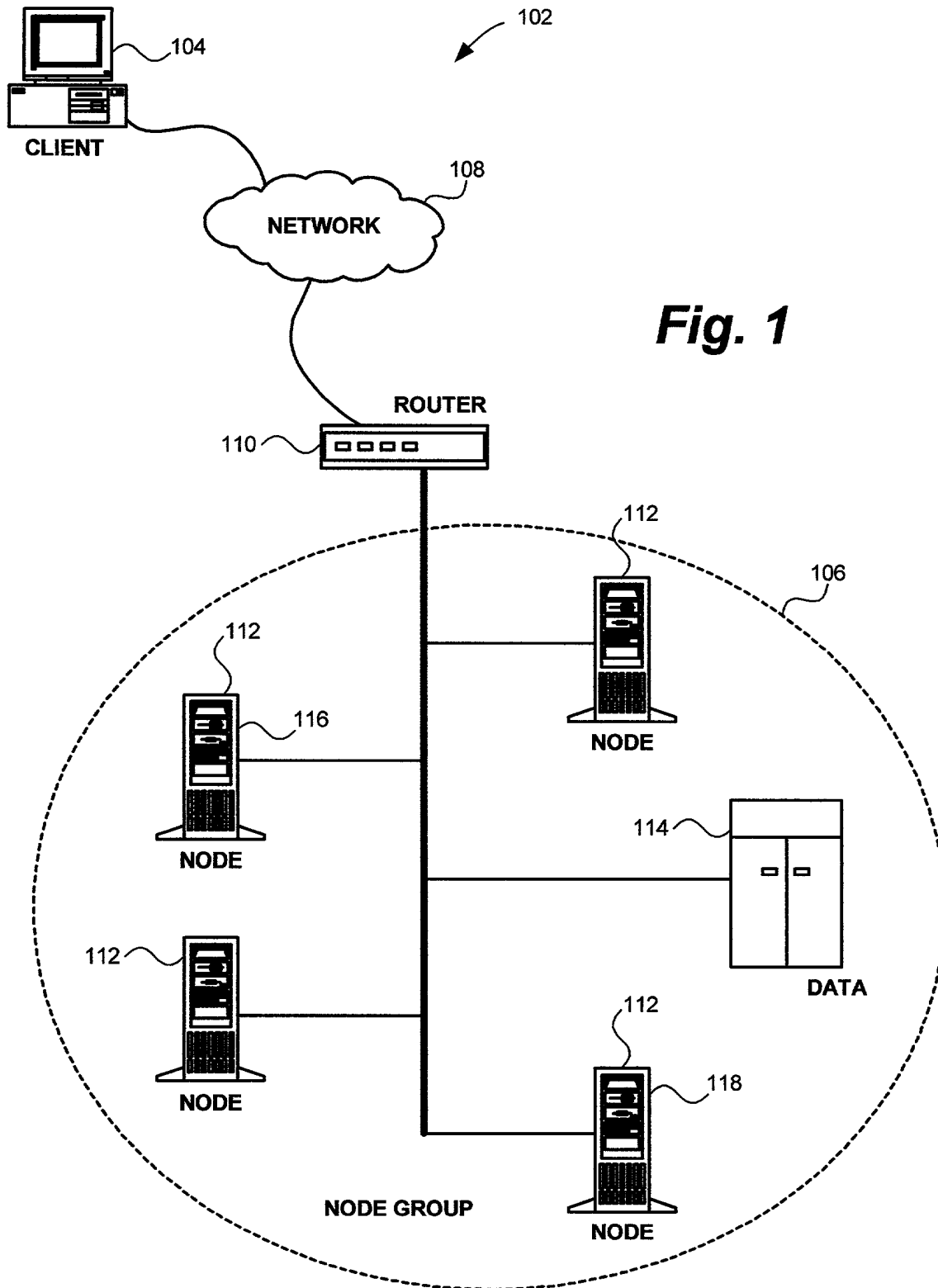


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**Sampathkumar**

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**Fig. 1**

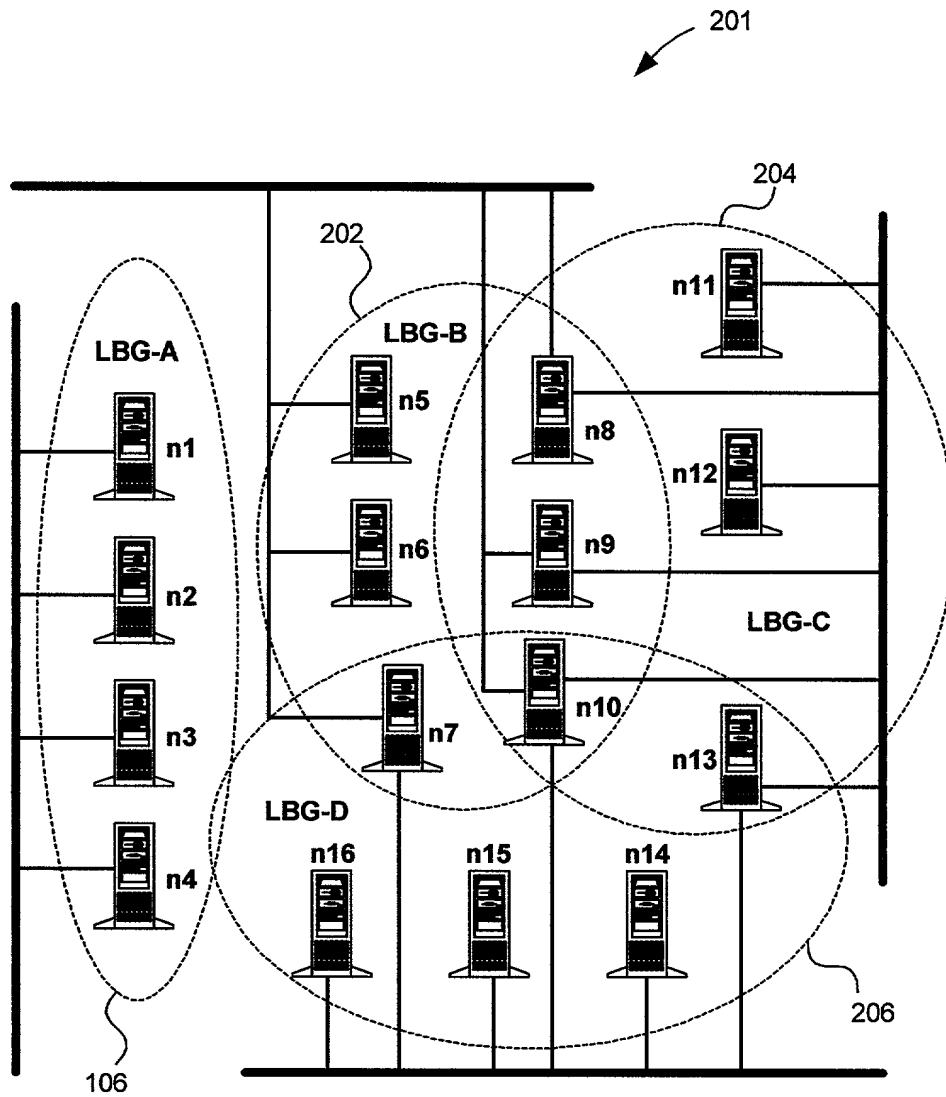
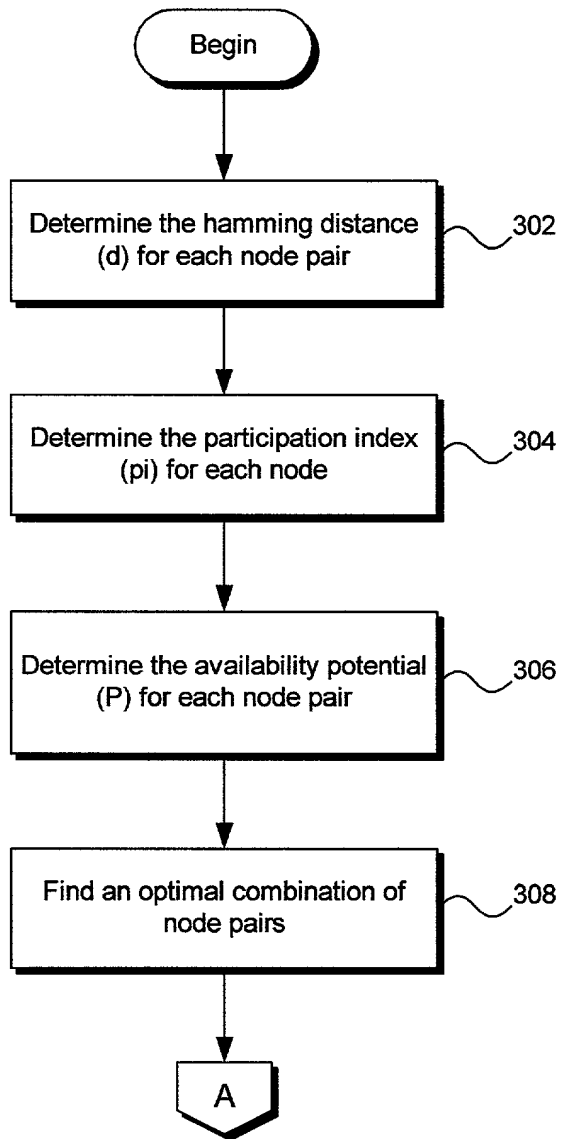
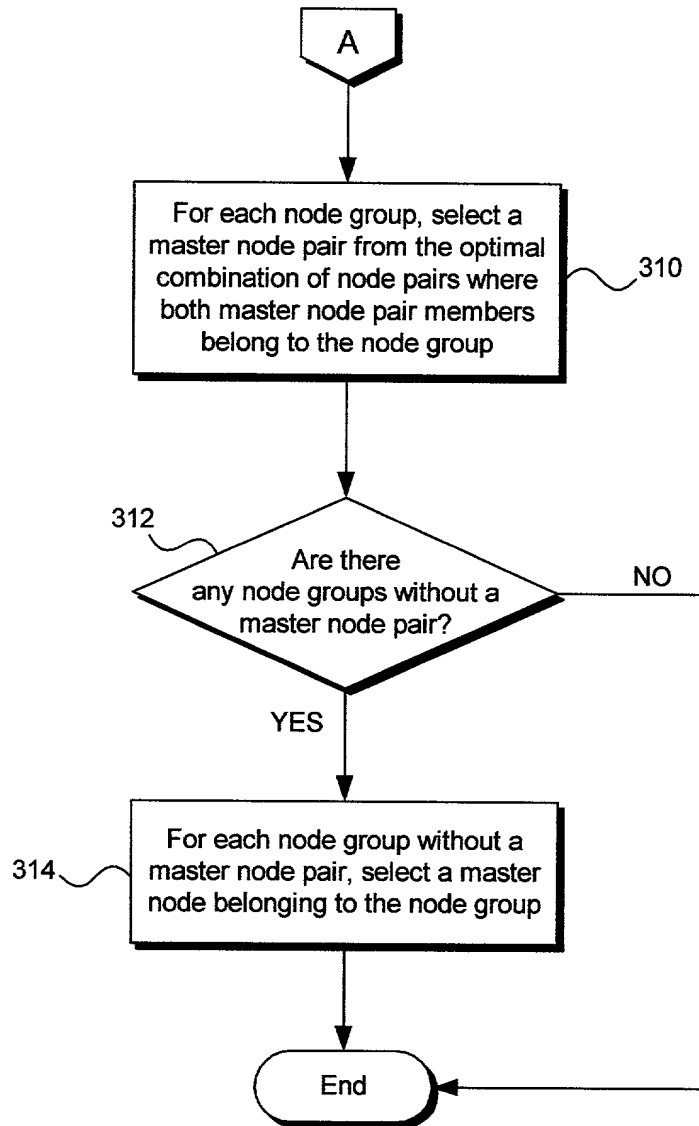


Fig. 2



**Fig. 3A**



**Fig. 3B**

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	n1	n2	n3	n4	n5
LBG-A	1	0	1	1	1
LBG-B	0	1	1	1	1
LBG-C	1	1	1	1	0
LBG-D	1	0	0	0	1
LBG-E	0	0	1	1	1

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Fig. 4A

	n1	n2	n3	n4	n5
<i>pi</i>	3	2	4	4	4

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Fig. 4B

<i>d</i>	n1	n2	n3	n4	n5
n1	0	3	3	3	3
n2	3	0	2	2	4
n3	3	2	0	0	2
n4	3	2	0	0	2
n5	3	4	2	2	0

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Fig. 4C

<i>P</i>	n1	n2	n3	n4	n5
n1	3	2	4	4	4
n2	2	2	4	4	2
n3	4	4	4	8	6
n4	4	4	8	4	6
n5	4	2	6	6	4

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**Fig. 4D**

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LBG-A	(n1, n5)	(n3,n4)	
LBG-B	(n3,n4)	n2	n5
LBG-C	(n3,n4)	n2	n1
LBG-D	(n1, n5)		
LBG-E	(n3,n4)	n5	

**Fig. 4E**